



ENVIRONMENTAL CONSULTANTS

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**Crawford Station MGP Site
Chicago, Illinois**

Weekly Field Progress Report

Report Date: April 6, 2012

Prepared By: Natural Resource Technology, Inc. (NRT)
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Submitted To: Integrys Business Support, LLC (IBS)
Naren M. Prasad, PE

Activity Period: March 25, 2012 through March 31, 2012

The following summarizes the environmental field activities performed by NRT on behalf of IBS at the former Crawford Station MGP site Time Critical Removal Action (AOC V-W-11-C-981):

Task	Environmental Activities
General Description of Work Performed:	<p>The following activities were conducted:</p> <ul style="list-style-type: none">• Areas I, L, M, and N are being excavated to between five and eight feet bgs to allow for installation of bracing wall for the sheetpile wall. Area R is being excavated to the south.• Areas O, P, Q, and R are being backfilled with crushed limestone.• Excavated soils were loaded and transported to Waste Managements' Laraway Road RDF landfill for disposal.• NRT conducted air monitoring activities for PM₁₀ through the use of DustTraks, 12-hour time-weighted samples for BTEX and Naphthalene through the use of SUMMAs, and real time VOC concentrations using PIDs. Additionally, no odor/dust issues were noted at the perimeter of the site.• Utilized GPS to locate pertinent items and features.• Wastewater pumped from Areas Q and R is being treated on-site and discharged into the City of Chicago sewer located in the southwest extent of the Site.• Completed the northern portion sheet pile stabilization wall parallel to sheetpile wall.• Amendment area was reduced by 60 feet from the west to allow for installation of new haul road.

Sampling Activities Performed:	<p>NRT conducted the following sampling activities:</p> <ul style="list-style-type: none"> DustTraks collected particulate data each day and data has been downloaded for analysis. Three SUMMA canisters were deployed on March 28, 2012 and sent to TestAmerica Laboratory for analysis for BTEX and Naphthalene. Two excavation base samples (EB-015 and EB-016) were collected on Marh 30, 2012 from Area R. Parameters analyzed for included TPH GRO, TPH DRO, PVOCs, site-specific PAHs, site-specific phenols, cyanide, and site-specific metals.
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Task	Environmental Activities
NRT Field Personnel:	Timothy B. Norris, PG, Ronald J. Horan, Kyle J. Bareither
Equipment Deployed:	SUMMA Canisters DustTraks PIDs
Field Photos:	See attached sheets.

Water is being pumped from the excavation and sent through the Water Treatment System and discharged into the City of Chicago sewer for discharge into to the MWRD system.

Work planned for the coming week, April 1, 2012 through April 7, 2012, is as follows:

- Excavate Areas A, B, and R, and conduct appropriate post-excavation soil sampling. Soil samples will be analyzed for TPH DRO, TPH GRO, site-specific PAHs, PVOCs, site-specific metals, site-specific phenols, and cyanide.
- Conduct Full Scale Air monitoring consisting of one 12-hour SUMMA can sampling event per week. The days of the 12-hour sampling will be determined to coincide with excavation activities.
- Receive and review post-excavation confirmation and air sampling from TestAmerica

A weekly field progress report will continued to be issued throughout the duration of field activities for this Time Critical Removal Action. A written report summarizing the results and findings of the Removal Action will be provided following completion of all field activities.

A summary of the construction activities as detailed by the Construction Manager have been included with this report as Attachment 1.



Please feel free to contact us if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.

A handwritten signature in dark ink, appearing to read "Tim Norris".

Timothy B. Norris, PG
Geologist

Attachment 1: Burns and McDonnell Construction Management Report



Field Photos:



Photo 1: Beginning of excavation of material located south of Area R.

Direction: Facing northwest.

Photo Date: 3/26/2012

Photo Taken By: RJH



Photo 2: Reduction of the Amendment Area Pad for a haul road.

Direction: Facing west.

Photo Date: 3/26/2012

Photo Taken By: RJH



Photo 3: Excavation of the area south of Area R.

Direction: Facing west.

Photo Date: 3/27/2012

Photo Taken By: RJH

Field Photos (continued):



Photo 4: Sheet pile wall installation.

Direction: Facing northwest.

Photo Date: 3/28/2012

Photo Taken By: RJH



Photo 5: View of a truck being loaded for transport to landfill.

Direction: Facing north.

Photo Date: 3/29/2012

Photo Taken By: RJH



Photo 6: Truck loading near the truck scale.

Direction: Facing east.

Photo Date: 3/29/2012

Photo Taken By: RJH



1431 Opus Place, Suite 400
Downers Grove, Illinois 60515

Week of: 3/25/12 to 3/31/12

**Subject: Site Remediation – Construction Management
Peoples Gas – Former Crawford Station**

Burns & McDonnell Personnel Onsite

Site Construction Manager

- Bal Berena

Site Remediation Supervisor

- Bernard Gill

Construction Manager

- Dave D'Armond

Integrus Peoples Gas Personnel Onsite

- None

Subcontractors Onsite

- Tecnica Environmental Services
- Thatcher Foundations
- Helm Electrical Services
- Great Lakes Soil

Others

- Natural Resource Technology (NRT)
- Waste Management (Dave Weber, Steve Jiskra)
- Tom Smith (USEPA)

Miscellaneous Visitors

- Tommy Sidney (ComEd)

Site Activities

BURNS & MCDONNELL

- Managed site activities with Tecnica Environmental, Thatcher, and Helm Electric Services on site;
- Escorted USEPA personnel on site visits;
- Issued trucking tracking forms for all excavated soils from Areas L, M, N, and south of R;
- Tracked 214 loads for Biopile soils disposal at Laraway Landfill;
- Received no loads of wood chips for odor control and moisture containment;
- Received 231 loads of CA-6 and 1 load of RR-2 for backfill areas O, Q, P, and R and building new haul road South and West of amendment pad;
- Pumped and discharged 236,308 gallons of treated excavation water to MWRD;
- Participated in daily subcontractor pre-task analysis safety meetings on site;
- Conducted periodic health and safety air monitoring in excavation area;
- Held the weekly site construction meeting with Supervisors of Subcontractors, Waste Management; and
- Monitored site conditions for traffic, dust, odor, and overall safety.

TECNICA ENVIRONMENTAL SERVICES

- Loaded out soils from Areas L, M, N and South of R;
- Controlled odors through foaming and wood chips use;
- Tecnica continued breaking concrete generated from Area L, M, and N;
- Actively suppressed dust on site through watering and haul road maintenance;
- Operated and maintained truck scale;
- Assisted BMcD in water treatment system operation and maintenance;
- Continuously monitored site fencing, silt fence, and erosion control materials;
- Assisted Thatcher in placing struts in north half of site;
- Finished backfill areas O, Q, P, and R;
- Finished building new haul road south and west of Amendment Area; and
- Pumped water from areas Q and R.

THATCHER FOUNDATIONS

- Completed bracing installation in north section of west property line sheeting Earth Retention System (ERS).

HELM ELECTRICAL SERVICES

- Performed routine weekly maintenance on power generators and fuel tanks.

GREAT LAKES SOIL

- Performed compaction testing on CA-6 during backfill of Areas O, Q, P, and R.

Changes to Scope of Work

- Continued to excavate to the south of original boundaries of Area R.

Open/Outstanding Items

- None.

Anticipated Activities for the Week of April 1, 2012

- Expose top of Chicago Sanitary Sewer line to the north to prepare for Area AA excavation to depth;
- Test pit 3 locations each for amendment areas HA, FA and D;
- Excavate areas HA, FA, D and in the west property line Earth Retention System area (ERS);
- Excavate and load in area South of R; and
- Start backfilling northern portion of ERS area along the west property line.



Crawford Station Site:

Remediation

Date: March 27, 2012

Description: Completing the backfill and the compacting in 1-foot lifts in the cleared sections of Areas O, P, Q, and R. Looking to the north.



Crawford Station Site:

Remediation

Date: March 27, 2012

Description: View to the north from water treatment plant of cleared sections of Areas O, P, Q, and R now completed to 1-foot below final grade to serve as a haul road location.



Crawford Station Site:

Remediation

Date: March 27, 2012

Description: Looking south at the rakers (braces) being placed on walers each of the sheeting and anchor walls.



Crawford Station Site:

Remediation

Date: March 28, 2012

Description: Rakers (braces) being installed between the west property line sheeting wall and the "deadman" (anchor) wall. View is to north.